

INSTRUCTION MANUAL

for the

SST T-1

The SST T-1 is an LC circuit capable of matching the low impedance output of your transmitter and receiver to the high impedance of a random length wire. You may find that certain lengths of wire are hard to match on a given band or bands. This can be remedied by either lengthening or shortening the wire. Almost any length of wire, however, can be matched well.

The Random Wire

Of course, the wire used should be as long, high, and clear of surrounding objects as possible.

Tune-Up

The coax leading from your transmitter and receiver is attached to the connector on the back of the T-1 marked IN. Your wire antenna is connected to the screw terminal on the left. The screw terminal on the right is a ground connection which is not normally used; it is merely supplied as an extra ground connection for whatever purpose you may have.

The left knob is the rough tuning. It changes the amount of inductance. The right knob is the fine tuning. It tunes the variable capacitor. For receiving purposes, the knobs can be merely tuned for maximum noise or signal strength.

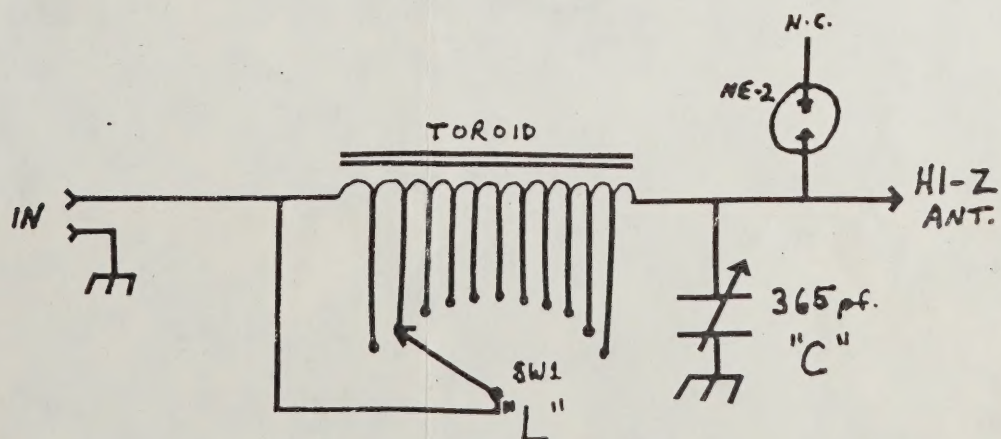
When tuning up with your transmitter, it is best to use an SWR meter. Using an SWR meter, you tune for minimum SWR, starting first with the left knob, then the right. Then tune the left knob again, then the right knob, etc. until the lowest match is found. You may want to tune-up with reduced power. The neon lamp on the front panel may also be used for tune-up. Using the same procedure, tune for maximum brilliance.

Specifications

1.8-30 MHz range.

200 watts

Schematic Diagram



The SST T-1 is guaranteed for 1 year to be free from defects in parts and workmanship. SST Electronics, P.O. Box 1, Lawndale, Calif. 90260

